

University of Nebraska - Lincoln

DigitalCommons@University of Nebraska - Lincoln

Agricultural Research Division News & Annual
Reports

Agricultural Research Division of IANR

11-1976

Agricultural Experiment Station News November 1976

Follow this and additional works at: <https://digitalcommons.unl.edu/ardnews>



Part of the [Agriculture Commons](#)

"Agricultural Experiment Station News November 1976" (1976). *Agricultural Research Division News & Annual Reports*. 279.

<https://digitalcommons.unl.edu/ardnews/279>

This Article is brought to you for free and open access by the Agricultural Research Division of IANR at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Agricultural Research Division News & Annual Reports by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.



THE AGRICULTURAL EXPERIMENT STATION
INSTITUTE OF AGRICULTURE
AND NATURAL RESOURCES
UNIVERSITY OF NEBRASKA-LINCOLN
H. W. OTTOSON, DIRECTOR

Agricultural Experiment Station

NEWS NEWS NEWS NEWS NEWS NEWS
NEWS NEWS NEWS NEWS NEWS NEWS NA
NEWS NEWS NEWS NEWS NEWS NEWS NE
NEWS NEWS NEWS NEWS NEWS NEWS NEWS
WS NEWS NEWS NEWS NEWS NEWS NEWS
WS NEWS NEWS NEWS NEWS NEWS NEWS
WS NEWS NEWS NEWS NEWS NEWS NEWS

Vol. 9, No. 5, November 1976

FROM THE DIRECTOR'S DESK

USDA Consumer Representation Plan

The Consumer Representation Plan is in response to a directive from President Ford to the executive branch departments to improve their procedures for considering consumer viewpoints and major departmental decision making processes. The USDA has established two committees to consider consumer matters, namely a Committee for Consumer Responsiveness, and a USDA National Consumer Advisory Committee. While we are not directly involved in this plan, we will, as members of the experiment station system, play a role in securing consumer viewpoints with respect to research decisions.

The key factors which will be considered with respect to major changes in USDA policies under this plan include:

- 1) Is there a history of consumer interest in the issue?
- 2) Are there adverse social and economic impacts?
- 3) Are these impacts long-term or short-term?
- 4) Are the consequences irreversible or irretrievable?
- 5) Is there potential for widespread controversy?

Each major departmental agency has appointed a consumer coordinator who advises the agency administrator on consumer matters and reflects consumer viewpoints on significant issues. Dr. Elizabeth Davis, Coordinator of Home Economics Research, Cooperative State Research Service, will serve this function in CSRS.

We Goofed

In the article on exterior relationships in the October Newsletter, I neglected to mention another important area of research relationships which involve the Experiment Station, namely forestry research. In the first place, we are accountable to Cooperative State Research Service, USDA, for the utilization of McIntire-Stennis funds which are appropriated specifically for forestry research. Second, we relate to the Forest Service in forestry research programs which are conducted by Forestry Service research personnel in cooperation with the Station. Sorry!

Howard W. Ottoson

PERSONNEL ACTIONS

Fricke, Carl - Asst. Prof. (Hydrogeologist), Conservation & Survey - Appointment
Gipson, Philip - Asst. Prof., Poultry & Wildlife Science - Resignation
Klocke, Norman - Rsch. & Ext. Dist. Engineer/Asst. Prof., Ag. Engineering - Appt.
Pierce, Richard - Instructor, Ag. Engineering - Appointment

GRANTS AND CONTRACTS

Anderson, D. G. - Ag. Economics - USDA, Economic Research Service	\$15,000
Farlin, S. D. - Animal Science - Eli Lilly & Co.	6,000
Farlin, S. D. - Animal Science - International Paper Co.	10,000
Ferguson, D. L. - Vet. Science - Hoeschst-Rousell Pharmaceuticals	6,500
Hanway, D. G. - Agronomy - Garst & Thomas Hybrid Corn Co.	2,500
Krause, V. E. - Animal Science (NE Sta) - Lilly Research Lab	4,000
Maxcy, R. B. - Food Sci. & Tech. - Dept. of Army, Natick Labs	3,500
Moomaw, R. S. - Agronomy (NE Sta) - Stauffer Chemical Co.	500
Moser, B. D. - Animal Science - Fats & Proteins Research Fdn.	12,000
Olson, R. A. - Agronomy - Tennessee Valley Authority	9,000
Rhodes, M. B. - Vet. Science - Miscellaneous Donors	645

GENERAL NOTES

1. The indirect cost rates (overhead) on grants and contracts were recently renegotiated for the UN-L. The current effective rates for programs of the IANR are:

Instruction Programs - On-campus48.50% of S&W
Off-campus.25.58% of S&W
<u>Agr'l. Exp. Station</u> - All	<u>.51.00% of S&W</u>
<u>Agr'l. Extension</u> - All	<u>.34.00% of S&W</u>

Continuing is the policy that Cooperative Agreements with the USDA do not normally carry overhead; nor do industrial grants of less than \$2,500.

- The new East Campus Student Center is scheduled for occupancy and use by January 17, beginning of second semester.
- The Horticulture Department recently had a very good review of their programs by a CSRS team. We believe the report of the reviewers will be constructive and helpful in future program conduct. Food and Nutrition, Food Science and Technology, and Agricultural Biochemistry will be reviewed by a joint team November 30 through December 3. Collaborators and others are welcome to participate.
- Grants and contracts totaled \$3,706,990 for the IANR in FY 1976. Of this, \$3,209,613 was in support of research.
- You will soon again be completing your annual staff activities reports. These are read and used in evaluation processes; it is, therefore, important that they be done thoroughly and well.
- Dr. John Woodward will edit the next AES Newsletter in my absence. I appreciate his help. Have a happy Thanksgiving!

R. W. Kleis

NEBRASKA AGRICULTURAL EXPERIMENT STATION PUBLICATIONS - October 1976

Journal Articles (contact authors for more information)

5207. Nutrition Knowledge, Attitudes and Food Patterns of Women Athletes. Joan Annable, Hazel M. Fox and Alice Henneman. Journal of Nutrition Education.
5208. Scanning Electron Microscopy of Tracheae and Bronchi from M. hyopneumoniae Infected Gnotobiotic Piglets. C. A. Mebus and N. R. Underdahl. American Journal of Veterinary Research.
5209. Chymotrypsin as an Aid in Detection of Reovirus-Like Agent in Feces of Infected Calves. Marvin B. Rhodes, E. L. Stair, R. A. McCullough, L. D. McGill and C. A. Mebus. Can. J. of Comparative Medicine.
5210. Subgroup Designation of Three Udolls in Southeastern Nebraska. David T. Lewis. Soil Science Society of America Proceedings.
5211. Efficient and Inefficient Use of P by Sorghum. J. C. Brown, R. B. Clark and W. E. Jones. Soil Science Society of America Journal.
5212. Preparation and Properties of Immobilized Papain and Lipase. A. Kilara, K. M. Shahani and Fred W. Wagner. Biotechnology Bioengineering.
5213. A Simple Audible Warning Device. Leonard L. Bashford and Rodney Brehm. Journal of Ag Engineering.
5214. Loneliness and the Rural Female Adolescent. John C. Woodward and Beverly White Otto. Nebraska Medical Journal.
5215. Reaction of Phaseolus Dry Bean Germplasm to Whetzelinia sclerotiorum. Dermot P. Coyne, J. R. Steadman and H. F. Schwartz. Plant Disease Reporter.
5216. Accelerated Pork Processing. Yields of Cured Ham, Bacon and Loins. R. W. Mandigo, T. L. Thompson and G. M. Weiss. Journal of Food Science.
5217. Control of Weeds in Narrow Row Soybeans. O. C. Burnside and R. S. Moomaw. Agronomy Journal.
5218. Immunity to Ascaris suum in Swine: Homocytotropic and Precipitating Antibody. Rose A. McCullough and Marvin B. Rhodes. Infection and Immunity.
5219. Value of Hydroxide Treated Corn Cobs When Fed With Corn Silages in a Complete Ration. I. G. Soper, F. G. Owen and M. K. Nielsen. Journal of Dairy Science.
5220. Quantitative Estimation of Alfalfa Insect Populations by Removal Sweeping. K. P. Pruess, K. M. Lal Saxena and S. Koinzan. Environmental Entomology.
5221. Quality Tests of Cheyenne Wheat Chromosome ID Substitution in Chinese Spring. R. Morris, P. J. Mattern, J. W. Schmidt and V. A. Johnson. Wheat Information Service.
5222. Immobilization of Several Enzymes on a Single Support. A. Kilara, K. M. Shahani and Fred W. Wagner. Biotechnology Bioengineering.

Journal Abstracts (contact authors for more information)

- 76-787. Oat Yields the Year Following Herbicide Applications onto Soybeans That Were Grown in Tilled and Untilled Oat Stubble. O. C. Burnside. North Central Weed Control Conference.
- 76-788. Oat Yields the Year Following Herbicide Applications onto Sorghum That Was Grown in Untilled Wheat Stubble (ecofallow). O. C. Burnside. North Central Weed Control Conference.
- 76-789. Spring and Fall Applications of Herbicides for Weed Control in Alfalfa. Robert G. Wilson, Jr. Research Report North Central Weed Control Conference.
- 76-790. Control of Volunteer Winter Wheat in Alfalfa. Robert G. Wilson, Jr. Research Report North Central Weed Control Conference.
- 76-791. Postemergence Application of Various Herbicides for Control of Woollyleaf Bursage. Robert G. Wilson, Jr. Research Report North Central Weed Control Conference.
- 76-792. Effects of Oxamycin (cycloserine) on Ruminal Fermentation. David K. Beede and Stanley D. Farlin. Journal of Animal Science.
- 76-793. Microclimate of Dry Edible Beans as Influenced by Irrigation and Canopy Architecture. L. Hipps, B. L. Blad, A. Weiss and J. R. Steadman. Bulletin of the American Meteorological Society.
- 76-794. Capreomycin Disulfate: Effect on Ruminal Fermentation. David K. Beede and Stanley D. Farlin. Journal of Animal Science.
- 76-795. Turbulent Transport Under Advective Conditions. Raymond P. Motha, Shashi B. Verma and Norman J. Rosenberg. Bulletin of the American Meteorological Society.
- 76-796. Sensible Heat Advection and Evapotranspiration in the Subhumid to Semi Arid Climate of the Central Great Plains. Thomas W. Brakke, Shashi B. Verma and Norman J. Rosenberg.
- 76-797. Soil Persistence of Corn Herbicides During the Year of Application. O. C. Burnside. North Central Weed Control Conference.
- 76-798. Selective Control of Weeds in Corn with Cultivation or Preplant, Preemergence, and Postemergence Herbicides. O. C. Burnside. North Central Weed Control Conference.

BULLETINS PRINTED

- RB 278. Properties of Soils in the Solid Set Irrigation Area of the Sandhills Agricultural Laboratory. David T. Lewis.
- SB 540. A Summary of Nebraska's Feeder Pig Farrowing Firms. Dennis L. Nun, M. S. Turner and P. W. Lytle.
- SB 541. Economic Impact of Rail Branch-Line Abandonment: Results of a South-Central Nebraska Case Study. Dale G. Anderson, Floyd D. Gaibler and Mary Berglund.



Dean E. Eisenhauer, Assistant Professor of Agricultural Engineering, is the new District Extension Irrigationist at the South Central Station at Clay Center.



Walter Trimmer, Instructor of Agricultural Engineering, specializes in irrigation problems. He joined the staff at the Panhandle Station in January.



David Aiken joined the Agricultural Economics Department as an Assistant Professor in the area of water law in December, 1975. He has a split extension-research appointment.



Raymond Supalla, Associate Professor of Agricultural Economics, joined the staff as a water economist on July 1. He also does some teaching.



Dale L. Lindgren, Assistant Professor of Horticulture, joined the staff at the North Platte Station in January as the District Extension and Research Horticulturist.



Joanne Nill, Instructor of Agricultural Communications, is the Assistant Extension-Research Editor for Home Economics.



Leroy Svec started at the South Central Station at Clay Center in March as Associate Professor of Agronomy. He is District Crop Production Specialist, research and extension.



Osmund Gilbertson, the new Chairman of the Department of Agricultural Education joined IANR in August, coming from California Polytechnic State University.



Dean Darling, Associate Professor of Veterinary Science, started in April as a research pathologist and extension veterinarian at the Panhandle Station.



Lynn Lutgen, Assistant Professor of Agricultural Economics, started in August as the Livestock Marketing Specialist, research and extension.



Roscoe E. Hill, professor of Entomology, has retired after 36 years of service to agriculture.



Lester F. Larsen, professor of Agricultural Engineering, has retired. He was engineer-in-charge of tractor testing for 29 years.



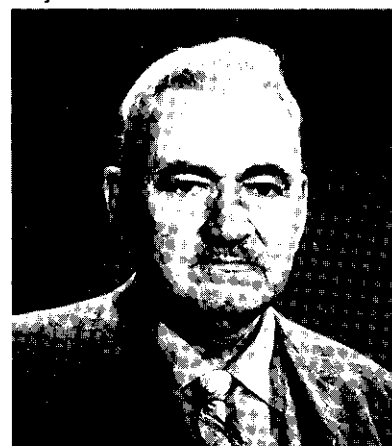
Bertrand R. Somerhalder, Professor of Agricultural Engineering with the University of Nebraska at the North Platte Station, has retired. He joined the staff in 1949.



A. W. Epp, Professor of Agricultural Economics, has retired after 33 years of service to agriculture.



Stephen Lowry, Assistant Professor of Animal Science, joined the Statistical Laboratory in July. He has responsibility for teaching and biostatistics research consulting.



E. C. Conard has retired from the staff of the University of Nebraska Department of Agronomy after 40 years as a teacher and researcher in range management.